

Recommendations for 1977 — 78 budget on page 3

Bulletin

University of Toronto

Friday, February 11, 1977

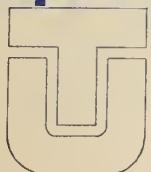
No. 23 30th Year

Update funds will furnish college libraries with Canadiana, art books

Through the generous funding of the Hudson's Bay Company, both Scarborough and Erindale Colleges will be able to expand their library collections. The donation was received through the Update campaign and was designated specifically for the two newer libraries. The Hudson's Bay Company has given funds for general scholarships as well.

The funds for Scarborough College will be used to purchase

update



purchased will be a 6-volume collection on the Italian Renaissance which had been out of print since 1914 and is now available.

"The Scarborough library," said J.L. Ball, college librarian, "will now be able to purchase around 10,000 new books to help relieve

their acute shortage". As well as books, the library will purchase back runs of Canadian journals, and newspapers on microform, plus Canadian maps and reports.

Since 1965, the average cost of textbooks has increased 160 percent.

Educational development money now available

"Funds are now available to colleagues who wish to undertake projects and studies which give promise of improving the quality and efficiency of their teaching," Professor Donald Ivey announced today. Professor Ivey is the Chairman of the Advisory Committee on Educational Development which has been formed to deal with issues related to the improvement of instruction in the University.

"The Ontario Universities Program for Instructional Development recently awarded \$50,000 to the U of T to support activities likely to lead to significant improvements in teaching and learning," Professor Ivey noted. "We are now ready to receive applications from faculty who are keen to engage in work which, in their opinion, will enhance teaching and learning in their courses. Applications from students for the support of learning skills programs will also be considered by the Committee."

Since the Advisory Committee is anxious at this stage to encourage the submission of a broad range of applications, Professor Ivey emphasized that there was no "standardized form" for applying. "We envisage being able to provide some support for the design and development of new teaching materials, the purchase of service from the Instructional Media Centre, the release of a faculty member to review a department's

teaching programs or for travel to a conference or another university engaged in instructional development. We would very much like to get the funds distributed soon, so that work can be undertaken this summer, perhaps as early as May."

Each application for an award must include a description of the project, a commitment to provide the Advisory Committee with a report on the outcome of the sponsored activity, and, in the case of students from SAC, the GSU or APUS, a supporting letter from an appropriate administrator in the applicant's department or faculty. Reference should also be made, where appropriate, to the number of students who might be expected to benefit, to the potential applicability to other situations of the results obtained, and to the means by which the success of the project may be evaluated. The applications received will be considered under guidelines established by the Committee.

In all cases, prospective applicants are advised to contact the Committee's Vice-Chairman, Prof. John Kirkness (284-3197), or its resource person, Dr. Richard Tiberius (978-5256) for further information. Such consultation is required in the case of applications for grants exceeding \$1,000. All applications for grants should be sent to "Educational Development", c/o the School of Graduate Studies.



Lured from her loch for U of T's Winter Carnival, Nessie poses patiently in front of Simcoe Hall, ministered to by an intrepid student.

Last hurdle for athletic complex

Plans for U of T's new athletic complex still face one last but complicated political hurdle before the first sod is turned — receipt of a demolition permit.

Metro City Council, which meets next on Feb. 14, must approve application for the permit, required to demolish three University-owned houses on the south side of Harbord Street. However, its receipt is incumbent upon the University's having previously received a building permit

from the City's Department of Buildings. Granting of the demolition permit could be delayed two weeks, until the next Council meeting, if the building permit has not been received by Feb. 14.

Once the University has received its demolition permit, tenders will be called and work could start a month to six weeks later, says Jack Dimond, special assistant to the Vice-President, Internal Affairs.

"For its first decade, Innis was a small, private club"

These remarks are from the Innis College Principal's Report, 1975-76. The author is Peter Russell, principal of the College from 1971 to 1976.

At exactly 5 p.m. on Tuesday, January 9, 1976, a black limousine pulled up to the curb at 2 Sussex Avenue. As the Lieutenant Governor of Ontario, Pauline McGibbon, emerged and approached the corner, she could catch a glimpse of a strange band of characters jostling their way up St. George Street with beat-up blackboards, battered chairs, the remnants of the old Innis at 63 St. George, bouncing about amongst the beards and mortar-boards. At two and a half minutes after 5 p.m., only slightly late and in good Innis style, this contingent of Innisites converged with Her Majesty's representative at the corner of St. George and Sussex. There the symbolic shoe-string was cut and the New Innis building was open.

Unquestionably the College has benefited from the new amenities the building offers. The Reading Room with its study carrels makes it possible for students to come into the College to work as well as to play. Innis Hall has attracted a wide range of cultural and civic events to the College. The Pub so imaginatively and humanely directed by John and Marilyn McHugh has become a great mixing place not only for the College but for the entire University community. And the



Peter Russell, former principal of Innis College

faculty offices ensure that there are some academics on the premises to mix with the students and administrative staff. While all of this is definitely on the plus side of the ledger, for the veteran Innis hands the new place could not be the "home" that the old place was — even though it is still physically much smaller than all of the older colleges.

This sentiment is understandable and indicates the transformation which will take place in the character of the College. For its first decade Innis was much like a small private club for something like 10 percent of its enrolment. For this small core of students who virtually lived at Innis, the College experience probably meant more than for any other group on campus. But for most of its students, Innis was little more than the place where they registered. Now, not only can a much larger proportion of students enjoy the College, but also the University at large will participate much more at Innis. Obviously the challenge for the College is to infuse these expanded opportunities with its humane sense of community.

The success of the Innis building has consequences which extend far beyond the College. For the Innis building was created through an architectural process fundamentally at odds with the traditional approach to

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FORUM

Lack of financial planning dilutes our dollars

To the Editor:

The CGA Magazine, January 1977, had a column on the cost of credit. I wonder if it is within your editorial policy to pass something like this on to the thousands of University employees reading your paper? The gist of the article follows.

"The cost of personal credit will increase again in the next few months. That is, most of the credit card companies have increased interest rates to 18 percent while others are approaching the 21 percent level. At 21 percent a year the money almost doubles over three years! Most card holders tolerate these rates because their

monthly balances aren't too great and the charges are spread over a 12 month period. If you use credit cards and continually pay interest on unpaid balances you should consider obtaining a bank, trust or credit union loan for the next 6 to 12 months. The rate is approximately 13½ percent on such a loan. Obtain a loan for the amount of cash you will need over the next 6 to 12 months, then apply part of this amount to pay off your credit cards, and deposit the remaining amount in a savings account (say 6½ percent and preferably with free chequing privileges). Each month you would pay off your credit cards thus saving 18 — 21 percent charges and then repay the loan over a 6 to 12 month

period. Taking into consideration that the \$1,000 of interest income is tax free the net effect will be an effective interest cost of 6½ percent. The true effective cost of interest however, will depend on how much you pay for credit card charges, the bank loan interest and the yield on your savings."

You must also remember that for every \$1.00 spent on interest costs, most of us must earn \$1.30 before deductions for taxes, etc. You can see from this how quickly your gross earnings dollar can be diluted from the lack of personal financial planning.

D.A. Tovell,
Internal Auditor.

Importance of non-academic staff has been under-emphasized

These remarks are extracted from a guest editorial which appeared in the Jan. 25, 1977 issue of *David Dunlap Doings*. The author, Prof. C.T. Bolton, is an associate professor of astronomy at the Observatory.

"It seems to me that 'class structure' within the University community is a paradox. On the one hand we are a community of scholars whose mission is the creation and communication of knowledge. The entire community (academic staff, students, and non-academic staff) must be involved in this, and to do it properly we must all learn from each other. In my mind the importance of the non-academic staff in this process has never been emphasized as strongly as it should be. The best learning environment is one in which there

are the fewest social and physical barriers to communication.

"On the other hand the University is necessarily an elitist institution. This creates one kind of class structure. Another is created by the great job differentiation that is necessary because of the complexity of the University and the specialized nature of many of the tasks that must be carried out. As a result, enormous communication barriers can be erected in the form of social custom, job compartmentalization, or sometimes just geographical remoteness. These problems appear to be growing worse as the financial position of the University declines and each group fights for a larger piece of a diminishing pie.

"I do not have any solutions to propose that will sweep away

'class' and communications barriers. However, it does seem to me that there is one distinction between academic staff and students on the one hand and the non-academic staff on the other that we could go some way to removing. The former group sees the tangible results of their efforts in the form of published papers and theses while the latter's only rewards come in their pay-cheques and perhaps an occasional word of praise (although human nature is such that I suspect even our best staff are more apt to get a kick in the seat of the pants than a word of praise). I think that the non-academic staff are most likely to feel that their work is valuable (and valued) if they are kept fully informed of the work of various students and staff, its implications, and its importance."



photo courtesy University College Archives

AS WE WERE: As this vignette from the 1930s indicates, the ritual of saying goodnight is timeless.

Science & Medicine Library

Please remember that the Science and Medicine Library will be closed Monday, Feb. 14, to accomplish the move back to its old home at 7 King's College Circle now that

renovations have been completed. The library will be open from 8.30 a.m. to 6 p.m. from Tuesday, Feb. 15 to Friday, Feb. 18 but will resume regular hours on Saturday, Feb. 19.

A & S Council nominations

Nominations are open for positions on the Arts and Science Council General Committee, and other committees of the Council.

Nomination forms and a list of vacancies are available at the Faculty Office, Room 1106, Sidney Smith Hall, College, Departmental, APUS and ASSU offices. These forms must be received in the Faculty Office, no later than 4 p.m. February 25, 1977. Forms received after this time will be invalid.

"Interface" task force

The President has established a task force to consider the University's response to the Secondary/Post Secondary Interface Study. The task force recommendations will be made to the Academic Affairs Committee which will, in turn, submit the University's views to the Council of Ontario Universities.

The members of the task force are: Vice-Provost Milton Israel, Chairman; Vice-Provost Robin Ross; Professor Desmond Morton, Vice-Principal (Academic), Erindale; Principal Arthur Kruger, Woodsworth College; Professor George Richardson, Chairman, Humanities, Scarborough; Dean John Ricker, Faculty of Education; Dean Peter Boulton, Faculty of Applied Science & Engineering; Wim Kent, Director, Office of Admissions; Dr. Arthur Rothman, DSME, Faculty of Medicine; President John MacDonald, Addiction Research Foundation; Susan Newman, (Students' Administrative Council); Dean Robert Farquharson, Faculty of Arts & Science.

Canadian Studies

The Task Force on Canadian Studies is in the process of reviewing data and briefs submitted by members of the U of T community regarding the state of teaching and research in Canadian studies at this University.

The Chairman of the Task Force now invites all interested persons to meet with the Task Force in order to provide personal accounts regarding the pursuit of studies in Canadian topics, comments about current Canadian studies offerings, opinions as to what the state of teaching and research should be at this University, and any other relevant information. Anyone wishing to do so should contact the Secretary, Carol Lendenmann, in writing, at the Governing Council Secretariat, Room 106, Simcoe Hall, or by phone at 978-8849. The deadline for notification is Feb. 21, 1977.

The Task Force will hold public hearings in March. Dates for the hearings will be announced shortly.

IN MEMORIAM Joseph McCulley

Joseph McCulley, Warden of Hart House from 1952-1965, died Feb. 9.

"I am certain," says President John R. Evans, "that his colleagues join me in expressing deep regret at Joe McCulley's death, and in paying tribute to the many valuable contributions he made to the University during his term as Warden."

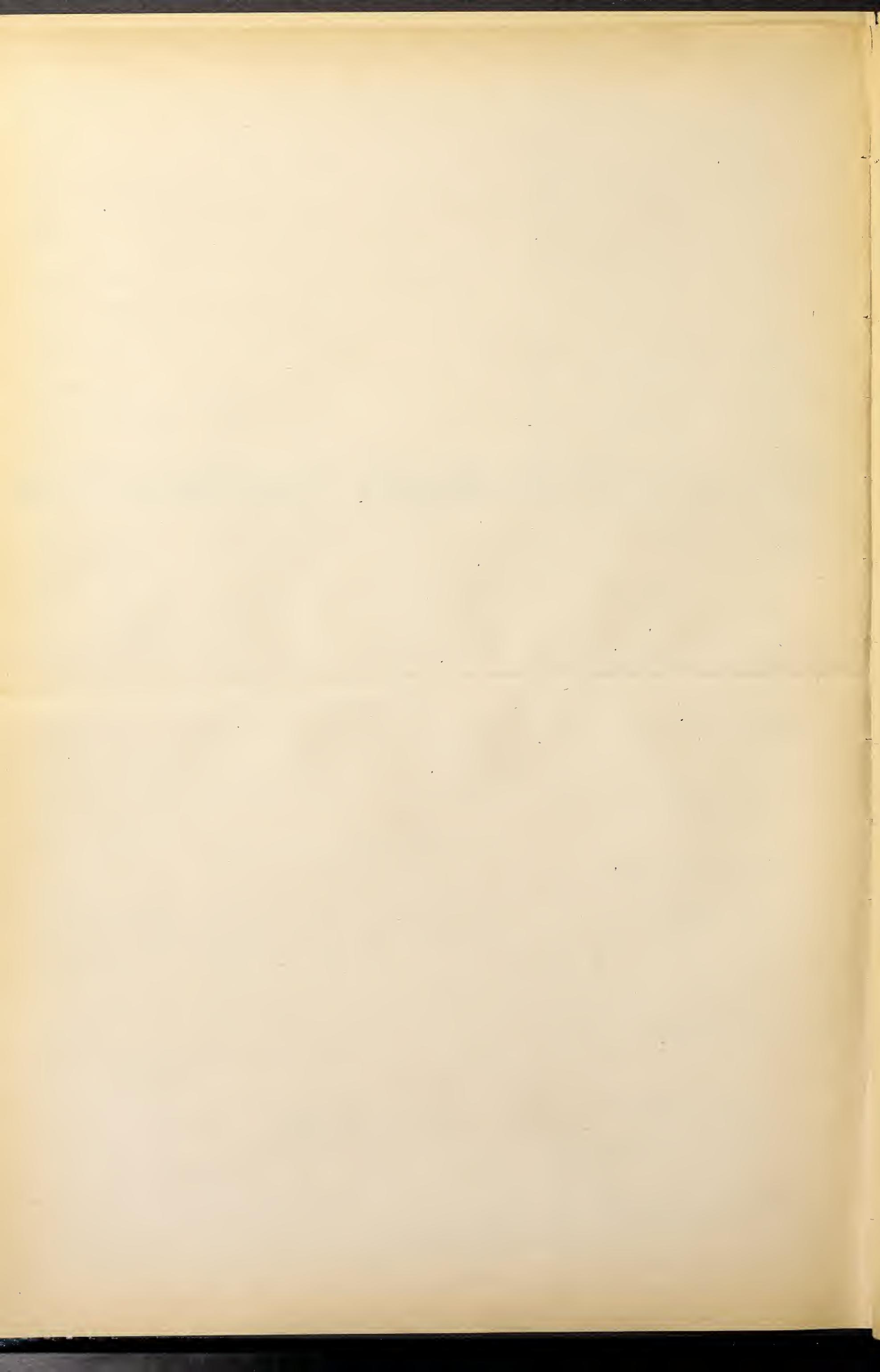
Born in Glasgow, Scotland in 1900, Mr. McCulley graduated in 1924 from University College, U of

T, with an Honours B.A. in Philosophy. He remained at the University until 1927 as a Victoria College tutor and president of the Students' Administrative Council. After several years as a teacher, he ultimately became headmaster, at a private school. In 1952 he rejoined the University as Warden of Hart House, a post he held for 13 years.

A bachelor, Mr. McCulley leaves a sister in Burlington and a brother in Toronto. The funeral will be private.

Wallace McLeod,
Professor of Classics,
Victoria College.

Report of Budget Committee



Report of Budget Committee

President's message about the Budget Committee's Report

The recommendations of the Budget Committee, printed in this issue of the *Bulletin*, will be considered by the Planning and Resources Committee on Feb. 14 and 21, by the Business Affairs Committee on Feb. 16, and by the Governing Council on March 17.

It will be recalled that in April of 1976 the Governing Council approved an extension of the 1976-77 base budget into 1977-78, adjusted for salary increases, with changes in the divisional budgets only where special cases were made to the Budget Committee. The accompanying recommendations were prepared on that basis.

As was the case last year at this time, two major factors are still unknown. The first is the exact amount of revenue we will receive from the Provincial grant: the global amount to be distributed has been announced but the detailed distribution among the Ontario universities has not. Linked to this is the question of tuition fees. The general increase in tuition fees has not yet been decided by the Governing Council. The increased fees for visa students have been tentatively included in fee income, but this of course might not be collected, depending upon the Governing Council decision in this regard.

The second unknown factor is the salary settlements for 1977-78. Prolonged and extensive discussions have been taking place since December with UTFA on the proposal for a collective bargaining contract; the obvious length of that agenda led the administration to suggest that salary settlements for 1977-78 might be

dealt with separately and agreed upon at an early date so as to leave ample time for submission to the Anti-Inflation Board, and implementation, before July 1; however, the UTFA representatives preferred to reach agreement on procedures before commencing salary negotiations for 1977-78. Discussions with UTSA will be initiated shortly.

In the Budget Guidelines developed by Planning and Resources last October, the Budget Committee was asked to consider broad University funding issues such as equipment replacement, library books, and building maintenance. The Committee has attempted to do this—in broad terms, not in detail—and recommendations are included providing funds for library acquisitions and building maintenance; the Committee was unable to make a proposal at this time about equipment replacement policy, but has provided a fund for the year in question.

I am pleased that our financial circumstances permit the University to avoid further reduction in the budgets of the divisions in the coming year, to make a modest contribution to offset the effects of inflation and in selected instances to provide additional funds for special and urgent needs. This is hardly a state of affluence but I hope it represents a "bottoming-out" after successive years of sharp reductions in expenditures.

I am deeply grateful to the Budget Committee members for their hard work and their invaluable assistance.

John Evans

Annotations to the Recommended 1977-78 Budget Financial Report

Income and Expenses: Divisional income derives from such sources, for example, as incidental fees, sales of goods and services, or fees for continuing education courses. This income is credited directly to the divisions respectively. Formula income (that is, income from the provincial government's grant and grant related student fees) is not credited to divisions, but instead is regarded as general University income.

An equally important expense item is not included. Academic, administrative and some unionized staff salaries are still to be determined. All other expense items are included in the report. The term "net expense" describes the remainder of gross expense less divisional income.

Provisions for Salaries and Other Costs: The University's budget is established for a 12 month fiscal year (May 1st to April 30th). Most salary increases are effective at the beginning of academic year (July 1st), consequently, salaries for May and June 1977 are already committed for the 1977-78 fiscal budget. This commitment has already been incorporated in the recommended divisional budgets for 1977-78.

Status of the Financial Report: As the Budget Committee's recommendations note, wherever there are questions about exact dollar amounts, the Financial Report should be understood to represent the Committee's precise intentions.

UNIVERSITY OF TORONTO / RECOMMENDED BUDGET 1977-78 (Financial Report)

Budget Group	Recommended 1977-78 Budget			Projected Changes for 1977-78		
	Gross Expense	Divisional Income	Net Expense	Gross Expense	Divisional Income	Net Expense
Arts and Science, Colleges and Schools (Group I)	66,386,325	1,642,408	64,743,917	892,325 (1)		892,325
Health Sciences (Group II)	31,874,336	3,171,286	28,703,050	455,865	297,275	158,590
Other Professional Faculties (Group III)	27,816,782	1,550,370	26,266,412	266,702	(40,050)	306,752
Other Academic Costs (Group IV)	2,601,949 (2)	46,000	2,555,949	674,271		674,271
Total Academic Expense	128,679,392	6,410,064	122,269,328	2,289,163	257,225	2,031,938
Academic Services (Group V)	19,594,025	7,245,180	12,348,845	366,050		366,050
Campus and Student Services (Group VI)	2,520,921	1,017,008	1,503,913	19,617	20,000	(383)
Administration (Group VII)	11,935,100	265,300	11,669,800	190,450	45,000	145,450
General University Expense (Group VIII)	3,110,048		3,110,048	199,000		199,000
Total Administration and General Expense	15,045,148	265,300	14,779,848	389,450	45,000	344,450
Physical Plant:						
Maintenance and services	14,639,900	420,386	14,219,514	533,400		533,400
Utilities and rent	8,295,469	808,445	7,487,024	558,988		558,988
Accommodation and facilities	150,000		150,000			
Total Physical Plant (Group IX)	23,085,369	1,228,831	21,856,538	1,092,388		1,092,388
TOTAL OPERATING EXPENSE	188,924,855	16,166,383	172,758,472	4,156,668	322,225	3,834,443

(1) Includes \$300,000 for academic programme support for Arts and Science and the Colleges.

(2) Includes \$500,000 research leave provision for divisions.

Introduction

The University of Toronto's budget for 1977-1978 is unusual for two reasons, both of which have to do with a concern for future budgetary conditions. Last year the Budget Committee warned that while the University's financial condition might improve over the next one or two years, we should not be sanguine about prospects for long-term improvements. Therefore, the Budget Committee recommended that for 1976-1977 the University should maintain as much budgetary flexibility as possible in order to make difficult adjustments that probably will be necessary in the future.

Although the Province has not announced the values of the basic funding units (the Basic Income Unit and the Graduate Funding Unit) or the way by which the total operating grant will be distributed, it is reasonable to expect that the University's financial situation will be what last year's Budget Committee anticipated. In approaching the budget for 1977-1978, the Budget Committee has, again, been particularly concerned about flexibility. While the University's income for 1977-1978 probably will be sufficient to obviate further reductions and, thereby, to permit extension of the 1976-1977 base budget through 1977-1978, there are no reasons to expect that base budget reductions can be avoided after 1977-1978.

Given the effects of budget compression in past years and, at best, uncertain prospects for the future, the Budget Committee and the Planning and Resources Committee last year advised that the University should undertake seriously to find alternatives to across-the-board budget compression. Acting on this advice, the President introduced a plan that had the effect of extending the 1976-1977 base budget through 1977-1978. The purpose of this extension was primarily to enable the heads of the University's major divisions to review with care the ways in which resources and programs were matched and to develop plans and priorities for assigning resources in the future. The plans and priorities produced through intensive review this year will guide the Budget Committee in developing a comprehensive budget for 1978-1979.

The budget recommended for 1977-1978, then, is unusual in two ways: first, it is composed almost entirely of additions and, second, slightly more than one-half of the additions are restricted to 1977-1978 only. The first characteristic follows from the extension of the 1976-1977 base budget through 1977-1978, and the second follows a deliberate policy to maintain a large degree of flexibility for future budgeting.

The Budget Guidelines

Development of the Budget Guidelines was the first step taken following the President's proposal for revising the budget design for 1977-1978. The Guidelines, which were approved by the Planning and Resources Committee, established terms of reference for the Budget Committee and noted particular concerns to which the Committee should turn its attention.

Because the base budget for 1976-1977 was to be extended through 1977-1978, the Guidelines recognized that the Budget Committee probably would receive many requests for additional funding. To provide a framework for considering requests, two guides were provided: one which described the University's probable financial position for the next five years and another which defined the nature of proposals for which additional funding could be provided.

The first guide was based on a long-range financial model encompassing the years from 1977-1978 through 1981-1982. The model, which included three separate projections, was based on several informed assumptions about income, expense, rates of inflation, enrolment, and government funding schedules. The government has not announced its funding schedule for 1977-1978, but, whatever the details of the schedule, it is likely that after 1977-1978 universities at which enrolments either increase slightly or not at all will receive a smaller share of the increase in funding than universities where enrolments increase substantially.

Within the financial framework, the Budget Guidelines called for the Budget Committee to consider requests for special funding in three general categories: a) one-time only expenditures, b) requests necessitated by extreme need or external policies, and c) requests for budget additions to offset some of the effects of inflation on non-salary expense. The Budget Guidelines were clear in explaining that, because of the special nature of the budget for 1977-1978, the Budget Committee should recommend additional funding only in cases where exceptional need or circumstances were firmly established.

The Budget Process

Four fundamental steps must be taken in determining the University's budget for 1977-1978. Given the decision to extend the 1976-1977 budget through 1977-1978, the first step of budget-building is to decide what adjustments - mainly additions and transfers - must be made in the base budget and how the additions should be distinguished between base-budget and one-time only expenses. The Budget Committee has formulated recommendations for this step.

The Budget Committee has decided that it cannot recommend that all requests for additional funding be approved. The Budget Committee, after considering several different schemes for organizing the recommendation schedule, decided to organize the entire

schedule into three stages of priority. Each stage was divided into two parts: additions to base budget expense and additions for 1977-1978 only. The Budget Committee has recommended that only the highest priority be funded.

The second step is to ascertain the University's income for 1977-1978. Two separate items of information are necessary. We must know what the University's share of the Provincial grant will be. The government has not yet made an announcement about how the grant will be distributed. We must know whether or not the University will adopt the government's policy for increases in tuition fees. This matter is being discussed in the Governing Council, but no decision has been made.

The third step is to determine salary and wage increases. The extent of salary and wage discussions and the necessity of submitting salary proposals to the Anti-Inflation Board will determine the time when this information is available.

The final step is to determine what additional expenditures, if any, could be made once the uncertainties of income and salary levels have been removed. The Budget Committee has made provision for this final adjustment by formulating a supplementary budget plan.

Developing the Budget

Because the budget for 1977-1978 will basically be an extension of the budget for 1976-1977, the Budget Committee organized individual budgets as last year's Budget Committee did. Nine major groups of related divisions or categories of expense were formed:

Budget Group I - Arts and Sciences, and Colleges
Budget Group II - the Health Sciences
Budget Group III - Other Professional Faculties
Budget Group IV - Other Academic Costs
Budget Group V - Academic Services
Budget Group VI - Campus and Student Services
Budget Group VII - Administration
Budget Group VIII - University General Expense
Budget Group IX - Physical Plant

For each budget group a Budget Group Officer was assigned responsibility for developing budget recommendations. The Provost and Vice-Provosts were Budget Group Officers for academic divisions. The Vice-President for Business Affairs and the Vice-President for Internal Affairs were Budget Group Officers for non-academic divisions.

Development of the budget began when the Budget Group Officers asked their respective divisions to express their needs for special funding, in accordance with the Budget Guidelines. Each divisional submission was reviewed by the respective Budget Group Officer and analyzed by the Office of the Budget and the Office of the Vice-President - Research and Planning.

Through this review and analysis, it became apparent to the Budget Committee that requests for additional funding could be organized into eight categories:

- a) requests made necessary by external policies or conditions
- b) requests for funding to offset the effects of inflation on non-salary expenses
- c) requests for additions needed to maintain necessary services
- d) requests for funding to fulfil previous commitments
- e) requests for additions to improve programs
- f) requests to improve programs, which in turn would produce savings or increased income
- g) requests for additions to align the 1977-1978 budget with previous patterns of expenditure.

This categorization itself suggested priorities that guided the Budget Committee. For example, the Committee concluded that changes in external policies were unavoidable and, therefore, that additions made necessary by such changes should be given high priority.

Another conclusion that the Budget Committee reached after reviewing requests for additional funding was that many of the needs expressed by separate divisions could be met through University-wide provisions rather than through separate division-by-division additions. For example, almost every division requested additional funding to offset the effects of inflation on non-salary expenses. Rather than attempting to determine the effects of inflation on many different divisions and types of expense, the Committee decided that the establishment of a central fund to be administered by Budget Group Officers would be a more effective way to respond to the requests.

In some cases where the Budget Committee has made separate recommendations in response to divisional requests, the recommendations are nevertheless predicated on a broad, central approach. For example, the effects of inflation on library acquisition was a concern in several divisions. The Budget Committee has recommended that additions be made to book budgets in three divisions and the University of Toronto Library; in each case the increase recommended follows from a general decision.

In addition to making recommendations for increasing budget expenses, the Budget Committee also has had to decide whether additions should be made to the base budget or to expenses for 1977-1978 only. Here again, the Budget Committee followed a broad policy, rather than attempting to make many separate decisions. The policy was to design a budget for 1977-1978 which would retain as much flexibility as possible for future budgeting. In applying this policy, the Budget Committee recommended additions to the base budget only when a continuing commitment was absolutely

necessary or when a one-time only addition would be ineffective in meeting needs to which a recommendation was intended to respond.

There were a few cases in which the Budget Committee had to choose between program benefits as compared to financial considerations in the short and long term. These were cases where either a new program or new service was being established; the Budget Committee consequently concluded that long-term, base budget commitments should be avoided until the programme or service could be reviewed.

Some of the Committee's recommendations for additions to the base budget call for subsequent review. These were cases in which a one-time only addition would be ineffective, but the amount of a base budget addition was in question. In these cases, the primary objective of the recommended review will be to determine whether or not the amount added to the base budget was appropriate.

Budget Recommendations

Last year the Budget Committee's recommendations in most cases called for substantial reductions. Given the difficulty of reducing budgets, the Budget Committee usually did not specify the means by which the recommendations should be implemented, thus avoiding any unnecessary impingement on the responsibilities of divisional heads.

The budget for 1977-1978, however, is unlike last year's. According to the Budget Guidelines, each request for additional funding had to be predicated on exceptional circumstances or extreme need. Consequently, the Budget Committee reviewed each request separately and established priorities among groups of additions. Given these circumstances, the Budget Committee has included in its recommendations indications of how additional funding should be used. It is our firm expectation that each addition will be implemented according to our recommendations. The Committee is not unaware that conditions may change in such a way that more suitable means may become available to divisional heads to carry out our recommendations. Where this occurs, the divisional head should consult with the vice-presidential office to which he or she reports to arrange an amendment.

Each recommendation identifies additions as being to the base budget or for 1977-1978 only. To obviate any misunderstanding, we shall state explicitly that additions restricted to 1977-1978 will not be extended into 1978-1979 except on the express recommendation of next year's Budget Committee.

All budget additions for staff appointments represent full funding and there will be no further adjustments for May-June in the subsequent period. Each addition to fund appointments to either academic or support staff includes both salaries and benefits. There will be no additional provisions for benefits.

Wherever there is a question about exact dollar amounts, the Financial Report should be accepted as the precise expression of the Committee's intentions.

Budget Group I

Arts and Science, and Colleges

As submissions were received from the Faculty of Arts and Science, the Schools, and the Colleges, it became apparent to the Budget Committee that the needs expressed by separate divisions were in many cases similar. These general needs included: relief from the effects of inflation on supplies, equipment, and library acquisitions; assistance in meeting the financial requirements of the new research leave policy; and support for implementation of the Memorandum of Understanding.

While some specific needs are addressed through particular recommendations for each division in Budget Group I, the Budget Committee decided that general recommendations should be made in regard to the needs that were common to several divisions. These general recommendations include a \$500,000 research leave fund, located in the Other Academic Costs budget group. This fund will be available to all divisions, but the Budget Committee is aware that the Faculty of Arts and Science, Scarborough College, and Erindale College will need substantial assistance to fund research leaves.

To provide some relief from the effects of inflation, two other central funds have been established. One of these will make \$300,000 available for supplies and other non-salary items. The other will provide \$100,000 for replacing equipment. Both funds will be distributed by the Office of the Provost and will be available to all divisions.

Faculty of Arts and Science

When the Memorandum of Understanding was signed three years ago, there was a general recognition that some additional expense would be needed to implement the Memorandum. Arrangements were made in 1975 to fund academic salaries that were formerly located in college departments. Arrangements were

also made to provide funds needed to add college sections for courses with large enrolments, to provide tutorials in the colleges, and to make some improvements in support staff. While appropriations were made for these purposes, the schedule for implementing the Memorandum did not permit their being used fully.

To continue implementation of the Memorandum of Understanding, we recommend that a fund of \$300,000 be established initially in the Office of the Provost. After consultation with the Dean of the Faculty of Arts and Science and the principals of the Colleges, the Provost will distribute the funds to the budgets of the Faculty and the Colleges. Of the \$300,000, \$200,000 may be distributed to base budget expenses and \$100,000 to expenses for 1977-1978 only.

The Faculty expressed a concern about salary increases for teaching assistants. We understand that historical deficiencies in these salaries will be corrected through the salary anomalies fund. In the future, salary increases for teaching assistants who are not students will be included in the general salary provision. These adjustments will have the effect of increasing the Faculty's budget.

Major users of computer services are currently funded centrally from computer research subsidies under the direction of the Research Board. We recommend that, beginning in 1977-1978, one category of these funds should be located in the budgets of academic departments that have been receiving subsidies. Therefore, we recommend that \$87,980 be added to the Faculty's base budget. Of this amount, \$44,000 must be allocated to the Department of Physics, \$36,000 to the Department of Chemistry, and \$7,980 to the Departments of Mathematics, Psychology, and Zoology according to the discretion of the Office of the Provost. These allocations must be used in accordance with existing guidelines for divisional computing funds.

Constituent Colleges

The budgetary concerns of University College, Innis College and New College were, in many respects, similar. Each College expressed a serious concern about the financial implications of implementing the Memorandum of Understanding. The Budget Committee recognizes the importance of accomplishing the aims of the Memorandum. We believe that the \$300,000 addition that we have recommended above will be a major factor in enabling the Colleges and the Faculty of Arts and Science towards a successful implementation of the Memorandum of Understanding.

While the Budget Committee expects that University College, Innis College and New College will benefit from the additional support that has been recommended to aid implementation of the Memorandum, the Committee also believes that several specific additions should be made directly to the budgets of the Colleges.

University College

We recommend that the base budget of University College be increased by \$10,500 to provide a salary for one secretary. In deciding to recommend a reduction in the College's budget for 1976-77, the Budget Committee believed that the College would be able to reduce its expenditures by decreasing the level of services provided by support staff. This recommendation was based on a rough estimate of the demands that implementation of the Memorandum of Understanding and refurbishment of the College would make on the College's budget. These demands can be estimated more precisely now and it is evident that secretarial services must be increased to meet the requirements of academic staff newly located in the College.

New College

We recommend that the base budget of New College be increased by \$2,000 to meet additional costs of telephones. The number of offices in the College occupied by academic staff has increased by approximately 40 per cent. This increase follows directly from implementation of the Memorandum of Understanding. Our recommendation, therefore, is not designed to compensate for inflation, but for an added service made necessary by prior commitments.

Innis College

Innis College conducts a successful Writing Laboratory which serves a growing number of students. The Laboratory has been supported partly from funds allocated to the Transitional Year Program; these funds are no longer available. The Budget Committee, therefore, recommends that \$2,300 be added to the base budget of the College to maintain support for the Writing Laboratory.

Erindale College

The Budget Committee recommends that \$66,000 be added to Erindale College's base net budget and that \$54,700 be added for one-year only.

Last year, the enrolment of Erindale College increased by an unexpected amount. While the College's

enrolment has stabilized this year, some effects remain from last year's large increase. This is particularly the case in Economics, where the demands of enrolment are heavy. We, therefore, recommend that for 1977-78 only \$18,000 be added to the College's budget for a contractually-limited appointment in Economics and \$9,000 be added for overload teaching in the same area.

Accounting is another area in which enrolment is heavy. The College proposes to convert three part-time positions in Accounting to one full-time position. The net cost of this conversion will be \$13,000. We recommend that this amount be added to the College's base budget. We expect that the creation of a full-time position in Accounting will improve the College's program as well as meet the needs of a larger enrolment.

Larger enrolments have also resulted in a heavier use of laboratory equipment, thus requiring more equipment maintenance. We, therefore, recommend that \$5,000 be added to the College's budget for one year only to reduce the need for overtime technical service and maintenance.

Use of the College's library has increased as enrolments have grown. To meet the demands of more intensive use of the library, we recommend that \$7,000 be added to the College's base budget to provide a salary for one Librarian II at one-half time. Following our general recommendation for library book budgets, we propose that \$10,000 be added to the College's base budget for the purchase of books.

We also recommend two additions to the College's library budget for one-year only. \$13,700 is needed to complete installation of a library security system, and \$9,000 is required to meet the costs of equipping a computerized cataloguing system. This recommendation corresponds to a similar recommendation for Scarborough College.

To offset the effects of inflation, \$36,000 should be added to Erindale College's base budget expense for utilities.

In our recommendation for the Health Service (Budget Group VI: Campus and Student Services), we indicate that the net cost of appointing two psychiatric residents should be recovered partly from Scarborough and Erindale Colleges. We recommend that \$3,500 be added to the base budget of Erindale College to fund a portion of this recovery; this addition will be offset by OHIP recoveries.

Scarborough College

We recommend that Scarborough College's Base Budget be increased by up to \$126,775, to which should be added \$11,000 for one year only.

Most of this increase, \$101,425, would be allocated to meet the inflationary increases in the costs of utilities.

In accordance with the Budget Committee's general recommendation to increase library book budgets, the College's base budget expense for books should be increased by \$10,350.

A search is underway for a new Chairman of the College's Division of Science. If a chairman is selected from outside the College, the College's budget will not be sufficient to meet the additional cost. The College has requested that an amount equivalent to a full salary be added. We have decided to recommend a smaller amount because the chairmanship is not a full-time administrative position. Our recommendation, then, is that \$15,000 should be placed in the College's base budget on a contingency basis, to be released on the approval of the Office of the Provost. This amount will be placed in the College's base budget if a chairman is selected from outside the college.

As a one-year only addition, \$11,000 should be added to the College's budget to meet the equipment and development costs of a computer cataloguing system for the library. This recommendation is in accordance with a similar recommendation for Erindale College.

We recommend that \$3,500 be added to the College's base budget to fund a portion of the cost of appointing psychiatric residents in the Health Service; this addition will be offset by OHIP recoveries.

Woodsworth College

We recommend that \$13,364 be added to the College's budget for 1977-1978 only for administrative salaries. When the Budget Committee for 1976-1977 made its recommendation for Woodsworth College, there was an expectation that some positions in the College's support staff could be eliminated. This expectation, it now appears, cannot be realized fully, thus necessitating a one-year addition to the budget. We recommend that the College seek this saving elsewhere.

We further recommend that the College's Off-Campus Program be funded for one year only through the recovery of fees income. The College should provide a firm estimate of the Program's costs, which in no case should exceed fees income. Any fees income in excess of costs can be used by the College only with the specific approval of the Office of the Provost. We make this recommendation for one-year only in order to determine the long-term enrolment prospects of off-campus part-time education. A funding scheme based on the recovery of fees income should permit the College to expand the Program as student demand increases.

School of Continuing Studies

Last year the Budget Committee recommended that the School of Continuing Studies should be operated on a self-supporting basis and, specifically, that the School's income should at least match its expenditures, including overhead costs of building renovation. We repeat this recommendation for 1977-1978.

School of Graduate Studies

School of Graduate Studies and Graduate Institutes and Centres

To support his requests for additions to the School's budgets, the Dean presented a definite plan for making several adjustments in the School's programs and services. The Budget Committee commends the School's efforts to link planning and budgeting.

We make these recommendations in order to enable the School to implement its plans:

- \$50,000 should be added to the School's budget for 1977-1978 only. This is an extension of an addition made under the Supplementary Budget Plan for 1976-1977. The School's plans call for this amount to be recovered by the end of 1977-1978.
- Base budget expenditures for Graduate Institutes and Centres should be reduced by \$77,819. The Higher Education Group will be transferred to the Ontario Institute for Studies in Education in 1977-1978. By retaining \$40,000 of the \$117,819 allocated to the Group for 1976-1977, the School will be further enabled to implement its plans.

In 1976-1977, one academic appointment was transferred from the Faculty of Forestry and Landscape Architecture to the Department of Urban and Regional Planning. This transfer was funded on a temporary basis. We recommend that \$14,000 be added to the base budget of the School of Graduate Studies to fund this appointment.

We recommend that \$30,000 be added to the base budget of the School of Graduate Studies to meet the University's share of the costs of the Joint Program in Transportation. The Program is a successful example of inter-institutional cooperation in an area of study important to Canada. The Program has been funded on a temporary basis. The Budget Committee believes that permanent arrangements should be made to fund the Program through the budget of the School of Graduate Studies.

Fellowships

Two recommendations are necessary in order to compensate for the effects of external policies on the School of Graduate Studies. Both recommendations call for increases in the amounts allocated for Open Fellowships.

The Budget Committee recommends that \$100,000 be added to the School's budget for 1977-1978 only to increase the availability of Open Fellowships to graduate students who hold student visas. The Ministry of Colleges and Universities has announced a large increase in formula fees for visa students. The availability of a larger number of Open Fellowships would partly offset the burden of the increase in fees, if the University were to adopt the Ministry's policy.

Since the Ministry of Colleges and Universities began the Ontario Graduate Scholarship program, the School of Graduate Studies has followed a policy of maintaining the value of the University's Open Fellowships at approximately the value of OGS awards. In order to permit the continuation of this policy, we recommend an increase of \$150,000 in the School's fellowship budget.

We also recommend that an additional \$150,000 be provided for 1977-1978 only to improve the availability of Open Fellowships.

After reviewing the School of Graduate Studies' requests for increased support for fellowships, the Budget Committee is convinced that the University should give serious consideration to developing a financial aid program that would guarantee the amount of funding available annually for graduate student aid.

Budget Group II Health Sciences

Faculty of Food Science

The Faculty of Food Science's base budget should be reduced by \$20,000 as several part-time faculty positions are eliminated in accordance with the planned dissolution of the Faculty.

Faculty of Dentistry

We recommend that \$49,500 be added to the Faculty's budget for one year only to improve management of the Dental Clinic. These improvements, which involve the introduction of computer-assisted record-keeping and scheduling, will increase the Clinic's income by improving patient flow and making more productive use of the Clinic's facilities. These improvements will, in turn, improve patient care and instruction.

We expect that there will be some increase in the Clinic's income in 1977-78 to offset the recommended one-year addition to the Faculty's budget. When the new management system is in full use, the Clinic's annual income should increase by about \$16,000.

We recommend that \$34,000 be added to the Faculty's base budget for one full-time appointment in the Department of Oral Surgery. The post-graduate program in Oral Surgery has lost its accreditation because of under-staffing; an additional appointment is needed to meet accreditation requirements.

Faculty of Medicine

The Faculty of Medicine operates many of its services on a cost recovery basis. Each year, specific amounts are budgeted for service income and corresponding expenditures. To reflect effects of inflation and increases in the volume of services provided, we recommend that the Faculty's base budget divisional service income be increased by \$281,275 and the corresponding expenditures by \$271,275.

Plans for dissolution of the Faculty of Food Science call for a saving of \$20,000 in 1977-78. We recommend that this amount be added on a one-year only basis to the Faculty of Medicine's budget to be transferred to the Committee on Accommodation and Facilities for use in renovating the Fitzgerald Building for occupancy by the Department of Nutrition and Food Science.

The Faculty proposes to establish a biohazards testing service in compliance with guidelines established by the Medical Research Council. The costs of establishing this service are two: \$8,500 for salaries and \$16,000 for equipment. We recommend that both amounts be added to the Faculty's budget for 1977-78 only. In the future, the salary component of the service will be recovered from users of the service.

In 1975, the Governing Council approved the creation of a Master's degree program in Speech Pathology. A large portion of the cost of beginning this program was associated with the purchase of equipment and the renovation of space. The University has been presented with an opportunity to locate the program in the Queen Elizabeth Hospital, which would be an excellent site for the program. We recommend that \$29,000 be added to the base budget of the Faculty for the first of three academic appointments that will be needed to mount the Speech Pathology program. The remaining two appointments will be called for in 1978-79 and 1980-81.

Beginning in 1977-1978, the Ministry of Colleges and Universities will require that the University report the enrolment of Interns and Residents on a three-term basis. This requirement entails a significant increase in clerical workloads. We recommend that \$5,500 be added to the Faculty's base budget to provide additional clerical support.

Last year the Budget Committee recommended that there should be no salary increases for the portion of staff salaries funded under the Treatment and Rehabilitation Fund of the Department of Health. We repeat this recommendation.

Faculty of Nursing

The extent to which the Faculty of Nursing can adjust its resources in response to increasing workloads is small. Professional registration requirements preclude reductions in the content of the Basic Degree Course. The Faculty offers no elective courses at the undergraduate level and only a few at the graduate level.

The possibility of shifting some workload from the academic staff to the support staff also is small. Last year the Faculty's support staff workload was analyzed by the Personnel Office, which concluded that the support staff already was carrying an unusually heavy workload. A staff analysis conducted in 1975-76 by the Office of the Vice-President for Research and Planning reached a similar conclusion.

Given these conditions, we recommend that \$10,000 be added to the Faculty's base budget for academic staff and \$12,000 for support staff.

We also recommend that \$4,000 be added to the Faculty's base budget for improvement of instruction in primary care. The Federal and Provincial governments both have recommended that nursing education should prepare students better for primary care.

Faculty of Pharmacy

Agreements between the Faculty of Pharmacy and the hospitals in which parts of its clinical program are carried out call for the Faculty to pay a fixed share of mutual costs. We recommend that \$2,000 be added to the Faculty's base budget in order to meet increases in the Faculty's share of these costs.

The Faculty has increased its use of computer

technology to improve its research and admissions programs. This use is substantially greater than the amount that prevailed when computer costs were added to divisional budgets. To compensate for this difference, we recommend that \$2,000 be added to the Faculty's base budget.

School of Physical and Health Education

The base budget of the School should be increased by \$12,110 for the appointment of an administrative assistant. The School's divisional objectives, which were approved last spring by the Governing Council, place highest priority on the addition of an administrative assistant to the School's support staff in order to improve the effectiveness of the academic staff.

Budget Group III Professional Faculties

Faculty of Applied Science and Engineering

Compliance with accreditation requirements is one of the conditions of exceptional financial need recognized by the Budget Guidelines. In the Faculty of Applied Science and Engineering, a course in Materials Science has been added to meet the requirements of the Canadian Accreditation Board. The course was funded on a temporary basis for 1976-77. The Budget Committee recommends that \$3,500 be added to the base budget of the Faculty for the continuation of this course.

Three years ago the Faculty instituted a part-time evening Master of Engineering program. With the exception of a one-year subvention made in 1974-75, the Faculty received no new resources for the Master of Engineering program. The Program is successful and attracts about 50 students annually, but places additional burdens on the Faculty's resources. We recommend that \$50,000 be added to the Faculty's base budget to support the Master of Engineering program. Because there is evidence that suggests that enrolments in some of the Faculty's other graduate programs may decline, we recommend that this addition be reviewed each year for the next three years to determine whether or not it might be reduced through internal reallocation of resources.

For several years, a portion of an academic position in the Mineral Engineering program was supported by a private corporation. This support is no longer available. We recommend that \$8,800 be added to the Faculty's budget for one-year only to continue a part-time appointment in Mineral Engineering.

School of Architecture

The School of Architecture is currently seeking a new Director. The Provost has authorized the School to extend its search outside the University. To provide for the additional funding that will be needed for an external appointment, we recommend that \$32,000 be added to the School's budget for 1977-78 only. We expect that this amount will be recovered through retirements that will occur in the School in 1978-79.

The library of the School of Architecture is heavily used, not only by the School's students but also by students in Landscape Architecture and Urban and Regional Planning. When the Faculty of Architecture, Landscape Architecture and Urban and Regional Planning was disassembled last year, some clerical assistance that had been available to open the library in the evening was lost. We recommend that \$3,500 be added to the School's base budget to support evening opening of the library.

Faculty of Education

The Faculty of Education, in accordance with the Ministry of Education's certification schedule, must offer many specialized courses in 25 separate departments. This arrangement makes it impossible for the Faculty to support research leaves through internal reallocation, as other faculties do. Because the Faculty of Education's programs are one year in length, courses cannot be cancelled for the duration of an academic leave. Because of these circumstances, the Faculty of Education has been able to provide very few research leaves for its members.

The Dean believes that additional opportunities for research leave are necessary to improve the quality of research and instruction in the Faculty. Therefore, we recommend that \$20,000 be added to the Faculty's budget for 1977-78 only to enable the Faculty to appoint temporary replacements for academic staff who might be granted research leave. The Budget Committee further recommends that the Faculty be asked to report on the effectiveness of the leaves granted in 1977-78 before permanent provisions are made for research leaves.

The Faculty of Education's summer course in Teaching English as a Second Language has been funded by divisional income received from fees. The Ministry of

Colleges and Universities has announced that, beginning in 1977-78, this course will be eligible for support through the Ontario Operating Grants Formula. Because the Teaching English as a Second Language program will be supported by formula income, we recommend that the Faculty be allowed to remove the \$10,050 in divisional income that has been budgeted for the TESL programme.

Faculty of Forestry and Landscape Architecture

We recommend that \$30,000 be added to the Faculty's expense budget for one year only to replace divisional income and corresponding expenditures that will be lost through the expiration of grants from the Canadian National Sportsman's Show and the Department of Lands and Forests. This recommendation is made for 1977-1978 only because we believe that the Faculty should be strongly encouraged to seek continued external support for its programs, particularly those supported by the grants now expiring.

We recommend that \$12,600 be added to the Faculty's expenditures for 1977-1978 only to continue one visiting appointment in Landscape Architecture. We have made this recommendation for one year only because we believe that long-term support for this position might be provided in the future through reallocation of the Faculty's existing base budget resources.

By mutual agreement, one academic appointment is being transferred from the Department of Civil Engineering to the Faculty of Forestry and Landscape Architecture in 1977-1978. The arrangement will enable the faculty member being transferred to develop his disciplinary interests more effectively. The agreement calls for the faculty member's entire salary to be transferred, less \$3,500 that the Faculty of Applied Science and Engineering will retain for some replacement teaching associated with the position. The Budget Committee recommends that \$3,500 be added to the base budget of the Faculty of Forestry to maintain the salary commitment.

In recommending a reduction in the Faculty's base budget for 1976-1977, the Budget Committee understood that some saving could occur through amalgamation of the Faculty's library. The amalgamation has not occurred because of uncertainty about a long-term location for the collection. We recommend that \$15,000 be added to the Faculty's budget for 1977-1978 only to offset a portion of the reduction called for last year.

Faculty of Law

In accordance with our general concern about the effects of inflation on library collections, we recommend that \$10,000 be added to the Faculty of Law's base budget for book acquisition.

Use of the Faculty's library by both law students and particularly students from other divisions has increased sharply. Given the specialized nature of a law library, increased use by students places an especially heavy burden on reference services. We recommend that \$15,000 be added to the Faculty's base budget for the appointment of a reference librarian.

Faculty of Library Science

We recommend that \$2,000 be added to the Faculty's budget for one year only to support the Centre for Research in Librarianship. The rationale for this recommendation is that the support will assist the Centre to attract research contracts.

We also recommend that \$7,200 be added to the Faculty's budget for one year only for implementation of UNISTARS (the University's computer-assisted student records system).

For UTLAS, the Budget Committee's basic recommendation is that the Systems be operated on a cost recovery basis. When the Robarts Library was built, an arrangement was made which called for the Faculty of Library Science to have access to the services of UTLAS at no charge. The service to the Faculty has been shown as an expenditure for which UTLAS could not recover costs. We recommend that \$30,000 be added to the base budget of the Faculty of Library Science to allow it to purchase services from UTLAS on the same fee-for-service schedule that applies to other users of UTLAS.

Faculty of Management Studies

The Faculty of Management Studies teaches 29 undergraduate half-courses for other divisions of the University. The number of these courses has increased threefold since 1974. The Faculty provides instruction for undergraduate courses on either a contract or cross-appointment basis; four half-courses are taught without any compensation. As the costs of instruction and the number of courses have increased, the Faculty has encountered greater difficulty in meeting these demands while maintaining its primary commitment to graduate studies.

To enable the Faculty of Management Studies to recover more of the costs of undergraduate instruction, we recommend that these additions be made to the base budgets of the divisions to which it provides under-

graduate instruction: Department of Political Economy - \$29,251, Erindale College - \$6,187; Scarborough College - \$4,000; and the Department of Industrial Engineering - \$164 - a total of \$39,602. These increases when added to corresponding expenses already allocated in the base budgets of these divisions for these courses will compensate for the effects of inflation on contracts and cross-appointments. The increases will be shown as cost recoveries in the Faculty of Management Studies.

The members of the Budget Committee do not intend that their recommendation should restrict in any way negotiations between the respective divisions about the conditions of cross-teaching.

Faculty of Music

We recommend that \$10,000 be added to the Faculty of Music's base budget to compensate only for the effects of inflation on expenditures for occasional teaching.

Faculty of Social Work

We recommend that \$2,000 be added to the Faculty's base budget to meet non-inflationary increases in telephone expenses. The Faculty is located in a geographic area for which Bell Canada has established a new rate structure:

In order to arrange satisfactory clinical placements for students, the Faculty must incur greater expenses for field work. To meet these expenses, we recommend that \$1,000 be added to the Faculty's base budget.

The research of doctoral students has increased the Faculty's need for computer services. We recommend that \$1,000 be added to the Faculty's base budget for this purpose.

Budget Group IV Other Academic Costs

Transfer Payments

Some of the University's programs are operated on a cooperative basis with other institutions. Two of these programs - the undergraduate fine arts program sponsored by Erindale College and Sheridan College of Applied Arts and Technology and the graduate museology program sponsored by the School of Graduate Studies and the Royal Ontario Museum - are funded under the Ontario Operating Grants Formula. Under the funding arrangements for these programs, a part of the University's operating grant is income that is transferred to cooperating institutions. The amount of each transfer payment is determined by enrolment and the value of basic funding units. We recommend that \$62,535 be added to the base budget to increase the transfer payment to Sheridan College and \$39,716 to increase the payment to the Royal Ontario Museum.

Inflation Fund: Supplies, other non-salary expenses, and equipment

The Budget Guidelines called for the Budget Committee to review requests for special funding to offset the effects of inflation on non-salary components of divisional budgets. As budget submissions were received, it became apparent to the Committee that requests for special funding to compensate for inflation were so numerous that the effects of inflation could be better dealt with through a University-wide policy than separate policies for each division.

After a review of divisional expenditures for non-salary items and of the inflationary effects on the cost of these items, the Budget Committee has decided to recommend that two funds - totalling \$400,000 - be established centrally for 1977-1978 only. Both funds should be administered by Budget Group Officers at their discretion in response to specific needs of the divisions for which they are respectively responsible, including Scarborough and Erindale Colleges.

One fund of \$300,000 should be established to offset some of the effects of inflation on supplies and other non-salary expenses. Another fund of \$100,000 should be created to compensate for the effects of inflation on the costs of replacing equipment.

Research Leaves

The base budget for 1976-1977 contains \$458,000 to offset the costs of increasing research leaves from 50 percent to 75 percent of salary on a full year's leave. The \$458,000 amount was located in a central account and was distributed by the Office of the Provost. When the account was established, the amount included was an estimate based on anticipated need for assistance from the fund. Actual need has been somewhat less than anticipated need. Consequently, we recommend that the research leave fund be reduced to \$400,000 in the base budget. We also recommend that an additional \$100,000 be added to the fund for 1977-1978 only to meet any unexpected need.

Non-Departmental Professors

We recommend that \$16,000 be added to the base budget to provide research funds for University Professors. Partially offsetting this addition will be a \$10,000 reduction in salary expense.

Computer Research Subsidy

Computer research subsidies for major users of computer services are currently funded centrally under the direction of the Research Board. We recommend that, beginning in 1977-1978, one category of these funds should be located in the budgets of academic departments that have been receiving subsidies. The total amount to be transferred from the "other academic costs" category should be \$87,980. Of this amount, \$44,000 will be allocated to the Department of Physics, \$36,000 to the Department of Chemistry, and \$7,980 among the Departments of Mathematics, Psychology, and Zoology at the discretion of the Office of the Provost. Other major users will continue to receive subsidies centrally from research funds.

Ontario Universities Program for Instructional Development

One of the terms of the grant which the University receives from OUPID is that the University will assume some of the costs of instructional development initiated under the auspices of the grant. We recommend that for this purpose \$15,000 be added to the base budget and \$20,000 for 1977-1978 only.

Summer Language Institute

Although located at Scarborough College, the Summer Language Institute is administered by the School of Continuing Studies. Continuing studies programs are, as a rule, budgeted on an income/expenditure basis, with costs being recovered through divisional fees income. Because some formula income is earned by Summer Language Institute enrolment and, therefore, not shown as divisional income, the School of Continuing Studies cannot recover the costs of the program through divisional fees income. As a partial substitute for formula income, \$25,000 was placed in the budget of Scarborough College for 1976-1977 only for payment to the School of Continuing Studies.

We recommend that the subvention for the Summer Language Institute that for 1976-1977 was located in Scarborough College's budget be located centrally in the "other academic costs" category beginning in 1977-1978 and that the amount of the subvention be increased to \$35,000 to reflect the actual costs of the Institute in 1976-1977. This recommendation is made for one-year only on the assumption that all summer language programs will be subject to a planning review in the fall of 1977.

Transitional Year Program

If the Transitional Year Program is reinstated, we would recommend that \$42,000 be added to existing base budget expense for the Program, including staff benefits. This increase would be added to \$117,928 that is now located in the base budget of Innis College for support of the Program. We also would recommend that the entire \$159,928 appropriation (including staff benefits) be located in the "other academic costs" base budget beginning in 1977-78.

In proposing this recommendation, we recognize that income and expenditure for the Program cannot be projected precisely at this time. We would recommend that the Program's budget be reviewed carefully next year.

University of Toronto Press

We recommend that a \$100,000 subvention be provided to the University of Toronto Press for 1977-1978 only. The subvention will aid the Press's scholarly publishing program.

We have recommended a subvention for one year only because the Press Management Board is developing a long-range financial plan which should be considered before a continuing funding arrangement is made.

Budget Group V Academic Services

University of Toronto Library

For the past several years the Library's book and periodical budget has been supported by base budget expenditures and, in some years, annual one time only allocations. While a portion of the support for the book and periodical budget has been provided on a one time only basis, the Library's commitments to book and periodical collections must be made on a long-term basis. Consequently, funds that were originally provided for discretionary spending for only one year have

had a cumulative effect on the Library's long-term commitments. The Budget Committee recognizes this effect and recommends that \$200,000 be added to the base budget.

The recommended addition of \$200,000 should stabilize funding by bringing the budget expense to the current level of book and periodical acquisition, but the Library's book and periodical budgets have also been eroded by the effects of inflation. Therefore, we recommend that \$100,000 also be added to the base budget to offset some of the effects of inflation.

To allow the Library more flexibility in managing the budget for occasional assistance, we recommend that a negative appropriation of \$100,000 be established in the Office of the Chief Librarian. Creation of a negative appropriation will require that the Library's financial condition be carefully reviewed on a quarterly basis to ensure that all potential savings are used to extinguish the negative appropriation before being applied elsewhere.

University of Toronto Library Automation Systems

We recommend that there be no change in the net budget of UTLAS.

University of Toronto Computer Centre

Consolidation of the Centre's equipment should produce a saving of \$108,000 in salaries and benefits by 1978-1979. Since consolidation will begin in July 1977, \$38,000 of the saving could be realized in 1977-1978. Given these circumstances, we recommend that the Centre's base budget for 1977-1978 be reduced by \$108,000 and that an addition of \$70,000 be made for 1977-1978 only.

Consolidation of the Centre's equipment will require an increase in expenditure for peripheral equipment for Business Information Systems. We recommend that \$26,000 be added to the base budget for this purpose to be transferred to Business Information Systems.

We recommend that the Centre's base budget expenditures for travel be reduced by \$13,000.

Media Centre

Several University committees have recommended that an audio-visual library be established in the Sigmund Samuel Library. To implement these recommendations, we recommend that \$20,000 be added to the base budget for Academic Services.

Because the audio-visual library will be the first facility of its type at the University, we recommend that the operation be reviewed thoroughly next year before further financial commitments are made.

Television Production Service

We recommend that \$10,000 be added to the budget for 1977-1978 only to meet the costs of replacement parts for videotape recording equipment. We have made this recommendation for one year only because we believe that the Television Production Service should be subject to a planning review before additional resources are committed to it.

Budget Group VI Campus and Student Services

Career Counselling and Placement Centre

The numbers of students, alumni and employers making use of the Centre's service have increased significantly and probably will not decrease in 1977-1978. To meet costs that are associated with increased use, we recommend that the Centre's base budget be increased by \$12,000.

The Career Counselling and Placement Centre is located in a geographic area for which the telephone company has established a new rate structure. We recommend that \$1,000 be added to the Centre's base budget to reflect the new rate structure.

Housing Service

The numbers of students and landlords using the Housing Service have grown and the nature of the services provided has become more complex. The Housing Service has attempted to meet these demands through overtime, interrupted vacation schedules and occasional clerical assistance. The appointment of a full-time clerk-typist would be a better solution. We recommend that \$3,000 be added to the Service's base budget to meet the net cost of adding one Clerk-Typist to the staff.

Health Service

Last year the Budget Committee recommended that the Health Service should become self-supporting by collecting fees equivalent to the Service's gross expenditures. We continue to support this recommendation and, therefore, for 1977-1978, we specifically recommend that the net operating base budget of the Health Service be reduced by \$50,000. The Committee recognizes that compliance with this recommendation may require some reduction in level of service.

Part of the increased income that the Health Service should collect in 1977-1978 will be used to fund the appointments of two psychiatric residents. The net cost of these appointments will be \$23,000. To offset this expenditure, OHIP recoveries will be increased by \$13,000 and cost recovery from Scarborough and Erindale Colleges will increase to \$10,000. We have recommended that \$3,500 be added to the base budgets of each college to fund a portion of this recovery, and that there should be off-setting increases in projected OHIP income.

Athletics and Recreation

We recommend a \$27,000 reduction in the base budget for Athletics and Recreation. This reduction will be possible because of reorganization in the Department of Athletics. This saving, along with others in the "campus and student services" category, will offset an increase in the budget of the Vice-President - Internal Affairs for salary and benefits expense following reorganization of the Department of Athletics and will serve as a contingency account for the student services divisions.

Other Expenses

We recommend that \$31,617 be added to the Campus and Student Services base budget to maintain existing levels of service in two areas. The subsidies for the Scarborough College and Erindale College bus services should be increased by \$11,617 to meet one-half of inflationary growth in the cost of the service. An increase in the grant of \$20,000 should be provided for cleaning services in Hart House.

Budget Groups VII and VIII Administration and General Expense

Governing Council Office

We recommend no changes in the Office's budget.

Office of the Ombudsman

We recommend no changes in the Office's budget.

Office of the President

We recommend no changes in the Office's budget.

Vice-President and Provost

We recommend that there be no additions to the expense budget of the Office of the Vice-President and Provost.

With the aim of reducing expenditures for student record services throughout the University, a special project has been undertaken to analyze the services and make recommendations for their improvement. We recommend that \$22,000 be allocated for the services of a special consultant for this project.

We further recommend that \$25,000 of one year only funds be assigned to the Office of Admissions for part-time staff with the specific understanding that normal hours and levels of operation will be maintained at the Counselling and Information desk.

The Office of Student Awards expects that applications to the Ontario Student Assistance Program will increase by five percent in 1977-1978 and that the Ministry of Colleges and Universities new enrolment reporting system will impose heavier administrative demands on the Office. Given these circumstances, we recommend that \$9,000 be added to the expense budget of the Office of Student Awards for one year only.

Vice-President - Research and Planning

We recommend no changes in the budget of the Office of the Vice-President - Research and Planning.

External Affairs

We recommend that there be no change in the University of Toronto net budget for Private Funding. However, we do recommend that the Private Funding expenditure budget be increased by \$45,000, of which the entire amount is to be recovered by an allocation from the Update revenues. Of the \$45,000 increase, \$18,000 is base budget and \$27,000 is one year only.

Vice-President - Internal Affairs

We recommend a base budget increase of \$6,450 as follows:

- 1) Increasing commitments to provide booklets and forms describing the University's employee benefit programs and statutory requirements to provide every union employee a copy of his union agreement necessitate an addition to the Personnel Department's budget for printing and publication. We recommend an addition of \$27,650.
- 2) We recommend a reduction of \$21,200 representing the elimination of the Personnel Department's advertising budget for 1976-1977. Beginning in 1977-1978, the costs of advertising vacant positions should be borne by divisions that use the service. Corresponding additions to divisional budgets should not be necessary because of the savings realized during the interval when positions are vacant.

We recommend no changes in the Office of the Vice-President - Internal Affairs other than the transfers called for in our recommendations for Campus and Student Services.

Vice-President - Business Affairs

We recommend that an addition of \$29,000 be made to the base budget of Business Information Systems for a project manager and computer services. This addition is needed to improve information systems and modelling throughout the University, particularly in planning, budgeting, and personnel management.

To meet the increased costs of preparing and distributing the payroll and accounts payable, we recommend an increase of \$22,000 in the base budget of the Office of the Director of Finance.

General University Expense

We recommend that \$117,000 be added to the base budget to meet an increase in insurance premiums.

We recommend that the base budget for legal, audit and consulting fees should be increased by \$82,000 to reflect the level of current expenditures. The Committee recognizes that this budget has not been adjusted to reflect actual expenditures for the past two years.

Budget Group IX Physical Plant

Maintenance and Service

Some physical plant services are provided through outside contracts; for example, snow and garbage removal, alarm systems, and some protective services. To meet increased costs of external contracts, we re-

commend that the Physical Plant budget be increased by \$50,700, net of recoveries.

Last year the Budget Committee recommended a large reduction in expenditures for maintenance and services. To make this reduction, the complement of the cleaning service was to be reduced through attrition. Some attrition did occur, but given the current level of service, it now appears that the cleaning staff should not be reduced further in 1977-1978; the staff now stands at 275 F.T.E.'s. To maintain the cleaning service at current levels (which, for 1976-1977, has required support through the Supplementary Budget Plan) we recommend \$155,000 be added for one year only.

Another consequence of the reduction called for by the Budget Committee last year was the eventual elimination of the building patrol. This reduction also was to be accomplished through attrition; the Budget Committee recognized the possibility that elimination of the service through attrition might take more than one year. To permit elimination of the building patrol through attrition rather than lay-off, we recommend that \$204,600 be added to the budget for 1977-1978 only. We recommend that the administration consider the possibility of using the existing services of the University police to compensate in part for the elimination of the building patrol.

To maintain and make necessary improvements in electrical and mechanical equipment, we recommend that \$177,000 be added to the budget for 1977-1978 only.

Utilities and Rent

The costs of energy have again increased. We recommend that the utilities budget be increased by \$384,863 (net of recoveries of \$155,837). Of this addition, we recommend, as the Budget Committee did last year, that a \$200,000 utilities contingency fund be established for one year only. The fund should be strictly controlled by the Vice-President - Business Affairs and should be used only if the conservation program is not successful in further reducing energy use or if energy costs increase more than we anticipate. The contingency fund may be used for any expense that would reduce energy related expenditures.

The Budget Committee recognizes that expenditures for utilities have increased less this year than last year. A rigorous conservation program has produced significant savings. But conservation programs can reduce only the volume of energy used, not the costs of energy. Because we expect that the costs of energy will continue to rise, we believe that further efforts must be made to reduce the University's consumption of energy. Therefore, we recommend that \$25,000 be added to the base budget for the appointment of an "energy manager" to investigate and develop new means of reducing energy use.

The cost of rental space now occupied by the University has increased. We recommend that \$36,700 be added to the base budget for rents.

To offset partially the additions that we have recommended, we recommend that the Physical Plant Department reduce its base budget expenditures for administration and other expenses by \$78,900.

UNIVERSITY OF TORONTO

SUPPLEMENTARY BUDGET PLAN FOR 1977-78

	Stage 1 \$	Stage 2 \$	Stage 3 \$	Stage 4 \$	Stage 5 \$
One year only additions to budget:					
Academic divisions	108,000				
Library books	100,000				
Maintenance	180,000				
Miscellaneous	112,000				
Special equipment fund	200,000	100,000	100,000	100,000	
Academic contingency fund		100,000			100,000
Payment towards unfunded pension plan liability		100,000	100,000	100,000	200,000
Additional funds for library books		100,000	100,000		
Additional funds for graduate student fellowships			100,000		
Development fund (revolving fund to initiate projects leading to cost savings)				100,000	100,000
Special building maintenance fund		100,000	100,000	100,000	
General contingency fund				100,000	100,000
TOTALS	700,000	500,000	500,000	500,000	500,000
CUMULATIVE TOTALS		1,200,000	1,700,000	2,200,000	2,700,000

RESEARCH NEWS

"Experience '77" Student Program

For a deadline of Feb. 28, the Ontario Ministry of the Environment invites applications for grants for summer environmental projects employing students under the supervision of a responsible staff member-applicant. Projects will be supported to a maximum of \$15,000 for a maximum of 14 weeks and will pay wage rates normally at a level of \$2.65 an hour. Grants will be made on the basis of the degree to which any project offers educational and vocational benefits to students, the usefulness of the project to the educational institution and the community, the relationship of the project to the goals of the Ministry of the Environment, and the degree to which the project attempts to create as many meaningful jobs as possible within the requested budget.

While several offices in the University have been furnished with the "Experience '77" information, any applications sent to ORA

will be processed in the usual manner and forwarded to the Ministry. For details call 978-2874.

Note to Social Scientists

The Social Sciences Research Council has requested an urgent reminder to faculty members and graduate students in social sciences departments that any who wish to be included in the new Canadian Directory Service of Social Scientists should complete the questionnaires which were furnished to social science department and centre heads by ORA in mid-December. SSRC reports small returns from the University community.

The Directory Service is to be a computer-based directory referral service which, according to the SSRC, has been endorsed by social science learned societies as well as governmental and non-governmental social science organizations. Extra questionnaires are available at ORA, in either French or English, and may be requested by departments or individuals by calling 978-2163.



The Toronto Consort, a Renaissance music group, will perform Feb. 22 at Scarborough's Renaissance Festival

Renaissance festival at Scarborough

The Renaissance saw the fracture of medieval Christendom and its transformation into a modern world. This "cultural revolution", led by such innovative thinkers as Descartes, Luther, and Machiavelli, will be the focus of the Scarborough Renaissance Festival, Feb. 22 to March 4. The Festival includes Renaissance drama and music as well as lectures from a variety of disciplines.

On Elizabethan night, Feb. 25, participants can enjoy some of the Renaissance's humanism. Six students from Prof. J.M.R. Margesson's Elizabethan drama course will present a Tudor interlude, *Jack Juggler*, a farce full of mistaken identities, beatings, and assorted vulgarities. At intermission the audience will be regaled with a magician, a juggler, Renaissance music, and a bar.

In a more serious vein will be two musical evenings. On Feb. 22, the Toronto Consort will present music from the Italian, French and German Renaissance. This group, which has played in and around Toronto since its formation in 1972, includes several Scarborough professors. Then on March 4, the Elizabethan Enterprise, a group of scholar-performers from New York, will play a variety of vocal and instrumental music from 16th century England. The group strives not only to achieve historical accuracy, but also to share their enthusiasm for the elaborate musical forms of other times.

Lectures during the Festival will be given by Prof. Paul F. Grendler, Department of History, on "The Roman Inquisition and the Venetian Press"; and by Prof. W. McAllister Johnson, Department of Fine Art,

on "The Iconography of the French Royal Court in the Renaissance". Also, Prof. Clifford Leach, former English Department chairman, and G.B. Hibbard, Professor of English at the University of Waterloo, will discuss the drama of Marlowe.

The Festival grew out of a multidisciplinary course on the Renaissance being given this year at Scarborough. Co-ordinated by Prof. Jonathan Pearl, the course brings together perspectives from a variety of disciplines: Classics, Italian Studies, Musicology, Art History, and English Literature, and is proving to be a fruitful way to study this significant period.

M.H.

JOB OPENINGS

Below is a partial list of job openings at the University. Interested applicants should read the Promotional Opportunity postings on their staff bulletin boards, or telephone the personnel office for further information. The number in brackets following the name of the department in the list indicates the personnel officer responsible. Please call:

(1) Sylvia Holland, 978-6470; (2) Wendy Chin, 978-5468; (3) Manfred Wewers, 978-4834; (4) Ann Sarsfield, 978-2112; (5) Beverley Chennell, 978-7308.

Clerk Typist II (\$7,000 — 8,230 — 9,460)

Purchasing (2), Physics (1), Computer Centre (3), School of Graduate Studies (2), Aerospace (5)

Secretary I (\$7,700 — 9,060 — 10,420)

Botany (1), Faculty Office, Engineering (5), German (1)

Secretary II (\$8,470 — 9,970 — 11,460)

Botany (1), Personnel (4), Music (2)

Secretary III (\$9,330 — 10,970 — 12,620)

Electrical Engineering (5)

Laboratory Technician II (\$10,370 — 12,200 — 14,040)

BBDMR (4), Medicine (4), Pharmacology (4)

Editor I (\$9,330 — 10,970 — 12,620)

Guidance Centre (1)

Programmer I (\$9,850 — 11,590 — 13,330)

Anaesthesia (4)

Programmer II (\$12,110 — 14,250 — 16,380)

Health Care Research Unit (4)

Administrative Assistant I (\$9,330 — 10,970 — 12,620)

Preventive Medicine & Biostatistics (4)

Computer Operator II (\$10,370 — 12,200 — 14,040)

Computer Centre (3)

Craftsman III (\$12,710 — 14,960 — 17,200)

Central Services — Medicine (4)

PH D ORALS

Wednesday, February 16

Mam Biram Joof, Department of Educational Theory, "A Study of the Real World of the Beginning Teacher as an Important Aspect of a Strategy for Planning for Teacher Supply and Continuity for the Gambia." Thesis supervisor: Prof. E.H. Humphreys. Room 111, 63 St. George St., 10 a.m.

Thursday, February 24

Harm Groenewold, Department of History, "The Merchant Adventurers Company in the Dutch Republic." Thesis supervisor: Prof. J. Dent. Room 111, 63 St. George St., 2 p.m.

Friday, February 25

Jeffrey Wright, Department of Physics, "Seismic Crustal Studies in North-Western Ontario." Thesis supervisor: Prof. G.F. West. Room 309, 63 St. George St., 10 a.m.

Monday, February 21

Reto Zach, Department of Zoology, "Foraging Behaviour of the Ovenbird (Aves: Parulidae) in a Patchy Environment." Thesis supervisor: Prof. J.B. Falls. Room 201, 65 St. George St., 10 a.m.

Eng Choon Ooi, Department of Zoology, "Morphogenesis and Growth of the Opisthonephric Kidney in the Anadromous Sea Lamprey, *Petromyzon marinus* L., During Larval Development and Metamorphosis." Thesis supervisor:

visor: Prof. J.H. Youson. Room 309, 63 St. George St., 10 a.m.

Wednesday, February 22

Harm Groenewold, Department of History, "The Merchant Adventurers Company in the Dutch Republic." Thesis supervisor: Prof. J. Dent. Room 111, 63 St. George St., 2 p.m.

Friday, February 25

Jeffrey Wright, Department of Physics, "Seismic Crustal Studies in North-Western Ontario." Thesis supervisor: Prof. G.F. West. Room 309, 63 St. George St., 10 a.m.

Ulrike E. Narwani, Department of Slavic Languages and Literatures, "The Early Prose of A. Remizov, A 'Short Story' Symbolist." Thesis supervisor: Prof. G. Zekulin. Room 111, 63 St. George St., 2 p.m.

Karin Godde-Nijhowne, Department of Hispanic Studies, "Lorca's Water Symbolism in the Context of Contemporary Aesthetic Trends." Thesis supervisor: Prof. D. Marin. Room 307, 63 St. George St., 3 p.m.

"Innovative teaching has been a hallmark of Innis"

Continued from Page 1

physical planning at the University of Toronto. It was a process in which the ultimate user, the staff and students of the College, played the dominant role in deciding what the building should contain, in determining its character and selecting its architect. While Jack Dimond expressed his own brilliance and originality in the architectural design, he was, throughout, remarkably faithful to the ideals and concepts of the College. This unheralded degree of consumer influence, as we were so often reminded, took up much time and was administratively much more cumbersome a process than the traditional "user's committee" managed by the Department of Physical Plant. I do not wish to open old wounds in this report but to insist that for dogmatists of both camps the crucial test of whether the Innis approach is "efficient" must be the building's success in enabling Innis to develop the qualities of College life to which it aspires. It will take some years before we have very

definitive evidence for this test, but in the meantime as those who have worked in many of the University's modern "efficiently" designed structures might observe, Innis can hardly do worse.

• • •

It was natural for interdisciplinary instructors to turn to Innis for a new home and equally natural for Innis to give them a sympathetic response. Innovative and interdisciplinary teaching has been the hallmark of Innis' academic effort — certainly the College's most significant contribution to undergraduate education at the University of Toronto. In the present conservative milieu when this type of education is no longer trendy it is perhaps more important than ever that Innis continue to offer students this kind of educational opportunity. But it seems to me equally clear that the College cannot look to this part of its academic program as its main growth area if it wishes a larger proportion of Innis students to participate in the College's academic life. Only a relatively small fraction of Innis students take these courses. During the past

year, for example, of the 871 student enrolments in Innis courses, only 100 were from Innis College.

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Throughout most of the year the Innis and University tribes religiously observed the "rites of passage" as the search for a new Principal was carried to completion. Manoeuvres in this now well-established ceremony were meticulously observed. Staff-student parity on the Search Committee was demanded by the College and refused by the University. Non-negotiable demands were issued while negotiations amongst the elders proceeded. Eventually a proper compromise was reached, a good committee established and, in due course, a new Principal chosen.

So, Professor Bill Saywell can be sure that he has arrived at his position in the proper manner. Professor Saywell, an outstanding University teacher and scholar on contemporary China, has served most successfully as the Chairman of the University's East Asian Studies Department. The College is indeed fortunate to have obtained his services as Principal.

SESQUI EVENTS

FRIDAY FEBRUARY 11

The School for Wives by Molière. Student Theatre Production at Erindale. Feb. 11 and 12 at 8 p.m. Theatre Studio, North Building. Information 828-5349. (Semaine Française)

G.B.S. — A Preface to George Bernard Shaw. Drama presentation. TV Studio, Scarborough College. 8 p.m.

Mactatio Abel and The Murder of Abel from the English mystery cycles, presented by Poculi Ludique Societas. Debates Room, Hart House at 8.30 p.m. Feb. 11, 12 and 13. Reservations 978-5096 or 536-9556.

Skulenight 7T7, Engineering Society annual musical comedy revue. Hart House Theatre Feb. 11 and 12 at 8.30 p.m. Tickets \$3. Telephone 978-8668.

SATURDAY 12

Pain-Brain Relationships (Lecture) Dr. J. Alan Walters, Departments of Medicine and Psychiatry. Convocation Hall. 8.15 p.m. (Royal Canadian Institute)

SUNDAY 13

The quest for an artificial pancreas (Sixth lecture in special Sesquicentennial series at Science Centre) Dr. Bernard Leibel, Banting & Best Department of Medical Research. Main auditorium, Ontario Science Centre. 3 p.m.

U of T Concert Choir, conductor Charles W. Heffernan. MacMillan Theatre, Edward Johnson Building. 3 p.m. Tickets \$2, students and senior citizens \$1. Box office 978-3744.

Camerata (Second of four concerts in Series '77) Meeting Place, Erindale College. 3 p.m. Tickets \$4, students and senior citizens \$3. Telephone 828-5214.

Sydney McInnis, Chopin recital. Concert Hall, Royal Conservatory of Music. 3 p.m. Tickets \$3, students \$1.50. Telephone 978-3773.

MONDAY 14

Cytogenetics (Lecture) Dr. D. Carr, McMaster University. 4171 Medical Sciences Building. 4.30 p.m. (Pahtology and SGS)

Computerized Arrhythmia and Anaesthesia Monitoring (Seminar series Medical Applications of Computers) Dr. Thomas Ewart, Wellesley Hospital. 3171 Medical Sciences Building. 3 p.m.

Compositions by Samuel Levitan presented by Conservatory students with Isidor Desser and Royal Conservatory Choir directed by Roman Toi. Concert Hall, Royal Conservatory of Music. 8 p.m.

TUESDAY 15

The Biological Nature of Cancer (10th Ray F. Farquharson Memorial Lecture) Dr. K.J.R. Wightman, 1977 Ray F. Farquharson Visiting Professor of Medicine. Osler Hall, Academy of Medicine. 5.30 p.m.

The Crisis of the Modern University (Third of four lectures in St. Michael's Sesquicentennial series On the Idea of a University) J.M. Cameron, University of St. Michael's College Professor. Upper Brennan Hall. 8 p.m.

Cellular DNA replication in virus-infected cells (Seminar) Dr. Roger Hand, McGill University. 235 Fitzgerald Building. 3.30 p.m. (Microbiology & Parasitology)

Current Concepts of Multiple Sclerosis (Neuroscience Seminar) Dr. Donald H. Silberberg, University of Pennsylvania. Osler Hall, Academy of Medicine. 5 p.m.

WEDNESDAY 16

Aegean Bronze Age Fresco Restoration: Theoretical Principles (Lecture) Prof. Mark Cameron, University of Western Ontario. Lecture room, McLaughlin Planetarium. 4.30 p.m. (Archaeological Institute of America)

Low light physiology and starch metabolism of the red algae (Departmental seminar) Robert Sheath. Room 7 Botany Building. 4 p.m.

Planning for Quality Living in Toronto Communities (Panel) Elizabeth Tyrwitt, Bloor-Bathurst Information Centre; Ethel Beamish, Metro. Department of Social Services; Marvyn Novick, Metro. Social Planning Council; Mark Nakamura, Human Rights Commission. Lillian Massey Building. 8 p.m. (Household Science Alumnae Association open meeting)

Hart House Annual Craft Exhibition Show, projects accepted from Feb. 16 to 18 between 9 a.m. and 5 p.m. Entry forms from hall porter's desk and programme office. Information telephone 978-5361.

THURSDAY 17

The Physiology of Virulence of Actinomycetes viscosus: A molecular approach to periodontal disease etiology (Lecture) Dr. B.J. Hammond, University of Pennsylvania. 404 Professional Building, 123 Edward St. 10.30 a.m.

The Personal Social Services and the Child: Balancing Developmental and Case Components (10th of 12 lectures, The Child in the City: Today and Tomorrow) Dr. Alfred Kahn, Columbia University. Auditorium, Medical Sciences Building. 7.30 p.m.

Proposals for Change and Reform (Last in St. Michael's Sesquicentennial series of four lectures On the Idea of a University) J.M. Cameron, University of St. Michael's College Professor. Upper Brennan Hall. 8 p.m.

Vocalization in Amphibia (Third of eight lectures, Communication in Animals) Dr. Carl Gerhardt, University of Missouri. ROM Theatre. 8 p.m.

Restoration and Conservation Methods (Third in seminar series on HH Permanent Collection — Past, Present and Future) Elizabeth Phillipmore, head of conservation, ROM. Bickersteth Room, Hart House. 7 p.m. (Art Committee)

The Meaning of Life: Part II. Dr. Paul Blythe, York University. International Student Centre. 12.30 p.m. (Ontology Club meeting)

12th Canadian Symposium on Water Pollution Research. Victoria College. 9.30 a.m. — 5 p.m., registration from 8.30 a.m. Registration fee \$20 includes copy of Proceedings. Information telephone Institute for Environmental Studies, 978-3486.

FRIDAY 18

Moral Implications of Recent Developments in Genetics (Seventh of eight lectures in Lunch and Learn Club series Genetics and Man) Prof. B.F. Brown, Department of Philosophy. Innis College. 12.15 p.m. Admission \$2. (Continuing Studies)

Catch 22, Alan Arkin. North Auditorium, OISE, 252 Bloor St. W. 8 p.m. Tickets \$1. Telephone 978-5076. (Woodsworth College Students' Association film festival '76)

SATURDAY 19

The Manifestation of Dreams — The Interpretation of Gardens (Lecture) Prof. Fraser Watts, Uni-

versity of Waterloo. Convocation Hall. 8.15 p.m. (Royal Canadian Institute)

Hart House Consort of Viols. Music for violins and harpsichord from the court of Versailles. Music room, Hart House. 8.30 p.m. Limited number of free tickets for HH members from hall porter's desk. General admission \$5, students \$2. Telephone 925-2473.

Sesquicentennial Dinner Woods-worth College. Hart House. Reception 6.30 p.m., dinner 7.30 p.m., dancing to Peter Randell's group in Great Hall, 9 p.m. Guest speaker, Michael Filey. Tickets \$15 per person from Woodsworth College; APUS, 1089 Sidney Smith Hall; Alumni House, 47 Willcocks St.

SUNDAY 20

Building with wood is a hard cell story (Seventh lecture in special Sesquicentennial series at Science Centre) Prof. Fred Keenan, Faculty of Forestry & Landscape Architecture. Main auditorium, Ontario Science Centre. 3 p.m.

Aline van Barentzen, piano. Concert Hall, Royal Conservatory of Music. 4 p.m. Tickets \$3, students \$1.50. Telephone 978-3771.

MONDAY 21

Social Banditry in Mozambique and Zimbabwe (Seminar) Prof. Allen Isaacman, University of Minnesota. Upper Library, Massey College. 1 p.m. (African Studies Committee, CIS)

The Past, Present, Future of Computers at the Hospital for Sick Children (Seminar series Medical Applications of Computers) George Horny, Hospital for Sick Children. 3163 Medical Sciences Building. 3 p.m.

Mozambican Revolution: Year Two (Panel discussion) Prof. Allen Isaacman, University of Minnesota; Judith Marshall, Oxfam, and other recent visitors to Mozambique. Croft Chapter House. 4 p.m. (African Studies Committee, CIS)

Jimmy Galloway, saxophone and **Ian Barge**, piano (Jazz Festival workshop) Music Room, Hart House. 2 p.m.

Metro Stompers & Friends (Jazz Festival concert) Great Hall, Hart House. 8.30 p.m.

Hart House Annual Craft Exhibition Show. Art Gallery. Feb. 21, opening, 6 to 9 p.m.; Feb. 22 to Feb. 25, from 11.30 a.m. to 2 p.m.

TUESDAY 22

The Roman Inquisition and the Venetian Press (Lecture in Scarborough Sesquicentennial Renaissance Festival) Prof. Paul F. Grendler, Department of History. R-3103 Scarborough College. 3 p.m.

Multimode Cepheids (Colloquium) Dr. John Percy, Department of Astronomy. David Dunlap Observatory. 4 p.m.

Probing the structural organization of the lymphocyte surface membrane (Seminar) Dr. Brian Barber, Department of Microbiology & Parasitology. 235 FitzGerald Building. 3.30 p.m.

John Arpin, piano (Jazz Festival workshop) Music room, Hart House. 2 p.m.

The Toronto Consort (Scarborough Sesquicentennial Renaissance Festival) Renaissance music from France, Germany and Italy. Meeting Place, Scarborough College. 8 p.m. Tickets \$2. Telephone 284-3243.

John Arpin (Jazz Festival concert) Great Hall, Hart House. 8.30 p.m.

Joseph Strick 1966 film version of James Joyce's *Ulysses*. Room 3 New Academic Building. 3.30 p.m.

WEDNESDAY 23

Liberalism's Liberty: Ideology and Myopia (First of four New College Sesquicentennial lectures) Prof. Christian Bay, Department of Political Economy. 1016 New College. 4.30 p.m.

Excavations in Iran — Exotic Decorations in a Rebel Fortress (Lecture) Dr. Edward J. Keall, West Asian Department, ROM. Lecture room, McLaughlin Planetarium. 8 p.m.

The fine structure of starch granules from different plant species (Departmental seminar) Dr. N.P. Badenhuizen, Department of Botany. Room 7 Botany Building. 4 p.m.

Victoria Women's Association (Meeting) Dr. D.A. Blostein, Department of English. Wymilwood. 2 p.m.

Harvey Silver & Trump Davidson Band. East common room, Hart House. 12 noon.

Phil Nimmons (Jazz Festival workshop) Music room, Hart House. 2 p.m.

Battle of the Bands: U of T vs. Queen's (Jazz Festival concert) Great Hall, Hart House. 8.30 p.m.

THURSDAY 24

Historical Relations Between Law and Psychiatry (Lecture in conjunction with Law and Psychiatry symposium) Prof. Michel Foucault, Collège de France. Commentators: Dr. H.F. Ellenberger, Université de Montréal and Dr.

Vivian Rakoff, Department of Psychiatry. Moderator: Prof. D.N. Weissburg, Osgoode Hall Law School. Auditorium, Medical Sciences Building. 4 p.m. Admission for those not registered with symposium \$3.

Edgar Allan Poe: The Purloined Letter (Third of five lectures, Theory and the Text) Prof. Norman Holland, State University of New York. Room 3, New Academic Building. 4.15 p.m. (Comparative Literature)

The Child and the Law: Freeing Children for Permanent Placement (11th of 12 lectures, The Child in the City: Today and Tomorrow) Prof. Sanford Katz, Boston College Law School. Auditorium, Medical Sciences Building. 7.30 p.m.

The Arctic Environment — Influence of Northern Development (Second in Sesquicentennial Impact lecture series) Prof. D.H. Pimlott, Department of Zoology and Prof. J.C. Ritchie, Department of Botany. Chairman, Prof. T.C. Hutchinson, Department of Botany. Convocation Hall. 8 p.m.

The Rituals of Loving and Fighting in Lizards and Snakes (Fourth of eight lectures, Communication in Animals) Prof. Charles C. Carpenter, University of Oklahoma. ROM Theatre. 8 p.m.

The Recent Canadian Inflation (Seminar, last event in Erindale Anniversary Lecture Series) Prof. John Floyd, Institute for Policy Analysis. Admission by reservation only, limited to 20, telephone 828-5214.

John Newlove (St. Michael's Poetry Series) BCD Brennan Hall. 4.10 p.m.

Ted Moses, piano, sax, etc. (Jazz Festival workshop) Music room, Hart House. 2 p.m.

Compositions by student composers. Walter Hall, Edward Johnson Building. 2.10 p.m.

Stephen Chenette, trumpet; **Douglas Bodle**, organ; **Lorand Fenyes**, violin; **Eugene Rittich**, French horn; **Patricia Parr**, piano. Walter Hall, Edward Johnson Building. 8.30 p.m. Tickets \$5, students and senior citizens \$3. Telephone 978-3744.

Ted Moses Quintet (Jazz Festival concert) Great Hall, Hart House. 8.30 p.m.

The Pre-Raphaelite Revolt and Henry Moore (Last of HH Art Committee film series) Art Gallery, Hart House. Two screenings, 12.10 and 7 p.m.

FRIDAY 25

Genetic Man and Everyman: Human Values and Social Policy (Last of eight lectures in Lunch and Learn Club series Genetics and Man) Dr. Abbyann Lynch, Department of Philosophy. Innis College. 12.15 p.m. Admission \$2. (Continuing Studies)

Chemical Engineering vs. Industrial Chemistry: The Case of the United States in 1920 (Colloquium) Prof. Jean-Claude Guédon, Université de Montréal. IHPST common room, 4th floor, 280 Huron St. 2 p.m.

The Effect of Structural Constraints on Polymer Dynamics (Colloquium) Prof. M. Fixman, Yale University. 158 Lash Miller Chemical Laboratories. 4 p.m.

Jack Juggler (Tudor Interlude in Scarborough Sesquicentennial Renaissance Festival) Meeting Place, Scarborough College. 8 p.m.

Canadian Creative Music Collective (Jazz Festival workshop) Music room, Hart House. 2 p.m.

Moe Koffman Quintet (Jazz Festival concert) Convocation Hall. 8.30 p.m. Tickets \$3.50 general, \$2 Hart House members available at HH hall porter's desk.

SATURDAY 26

Family Trees and Genetic Counselling (Lecture) Dr. R.M. Bannerman, School of Medicine, SUNY, Buffalo. Convocation Hall. 8.15 p.m. (Royal Canadian Institute)

Open House at Faculty of Music, Edward Johnson Building. Feb. 26 from 10 a.m. to 4 p.m., Feb. 27 from 12 noon to 2.30 p.m.

U of T Symphony Orchestra, conductor Victor Feldbrill. MacMillan Theatre, Edward Johnson Building. 8.30 p.m. Tickets \$3, students and senior citizens \$1.50. Telephone 978-3744.

SUNDAY 27

A hole in the bottom of the sea (Eighth lecture in special Sesquicentennial series at Science Centre) Prof. David Dunlop, Division of Geophysics. Main auditorium, Ontario Science Centre. 3 p.m.

U of T Symphonic Wind Ensemble, conductor Stephen Chenette. MacMillan Theatre, Edward Johnson Building. 3 p.m.

Royal Conservatory Trio: Isidor Desser, violin; David Hetherington, cello and Marian Grudeff, piano. Concert Hall, Royal Conservatory of Music. 4 p.m. Tickets \$3, students and senior citizens \$1.50. Telephone 978-3771.